

Serial Number: 10/694,033  
Art Unit: 1651

In the Claims

1. (Canceled)

Claims 44-69. (Canceled)

70. (New) An ex vivo method for diagnosing a blood sample comprising steps of:

identifying conditions that each cause a low level activation of the coagulation response in blood;

providing a blood sample;

providing different quantitative blood tests that are each for identifying low level activation of the coagulation response in blood;

performing each of the different blood tests on the blood sample; and

if at least two of the different blood tests identify low level activation of the coagulation response in the blood sample are abnormal, using the- at least two of the blood tests to assist in diagnosing the blood sample with one of the conditions.

71. (New) The method of claim 70, further comprising the steps of providing a population of blood samples, and performing the method of claim 1 for each of the blood samples of the population.

Serial Number: 10/694,033  
Art Unit: 1651

72. (New) The method of claim 70, wherein the different blood tests comprise tests for at least two of fibrinogen, prothrombin fragment 1+2, thrombin/antithrombin complexes, and soluble fibrin monomer.

73. (New) The method of claim 70, wherein the different blood tests comprise tests for at least three of fibrinogen, prothrombin fragment 1+2, thrombin/antithrombin complexes, and soluble fibrin monomer.

74. (New) The method of claim 70, wherein the different blood tests comprise tests for at least two of fibrinogen, prothrombin fragment 1+2, thrombin/antithrombin complexes, soluble fibrin monomer, and platelet activation.

75. (New) The method of claim 70, wherein the different blood tests comprise tests for at least three of fibrinogen, prothrombin fragment 1+2, thrombin/antithrombin complexes, soluble fibrin monomer, and platelet activation.

76. (New) The method of claim 70, wherein the different blood tests comprise tests for fibrinogen, prothrombin fragment 1+2, thrombin/antithrombin complexes, soluble fibrin monomer, and platelet activation.

Serial Number: 10/694,033  
Art Unit: 1651

77. (New) An ex vivo method for diagnosing a blood sample comprising steps of:

identifying a condition that causes low level activation of the coagulation response in blood;  
providing a blood sample;

providing different blood tests that are each for identifying low level activation of the coagulation response in blood;

performing the different quantitative blood tests on the blood sample; and

if at least two of the different blood tests identify low level activation of the coagulation response in the blood sample, using the at least two of the blood tests to assist in diagnosing the blood sample with the condition.

78. (New) The method of claim 77, further comprising the steps of providing a population of blood samples and performing the method of claim 8 for each of the blood samples of the population.

79. (New) The method of claim 77, wherein the different blood tests comprise tests for at least two of fibrinogen, prothrombin fragment 1+2, thrombin/antithrombin complexes, and soluble fibrin monomer.

Serial Number: 10/694,033  
Art Unit: 1651

80. (New) The method of claim 77, wherein the different blood tests comprise tests for at least three of fibrinogen, prothrombin fragment 1+2, thrombin/antithrombin complexes, and soluble fibrin monomer.

81. (New) The method of claim 77, wherein the different blood tests comprise tests for at least two of fibrinogen, prothrombin fragment 1+2, thrombin/antithrombin complexes, soluble fibrin monomer, and platelet activation.

82. (New) The method of claim 77, wherein the different blood tests comprise tests for at least three of fibrinogen, prothrombin fragment 1+2, thrombin/antithrombin complexes, soluble fibrin monomer, and platelet activation.

83. (New) The method of claim 77, wherein the different blood tests comprise tests for fibrinogen, prothrombin fragment 1+2, thrombin/antithrombin complexes, soluble fibrin monomer, and platelet activation.

Serial Number: 10/694,033

Art Unit: 1651

84. (New) An ex vivo method for diagnosing a blood sample comprising steps of:

identifying conditions that each cause a low level activation of the coagulation response in blood;

providing a blood sample;

providing different blood tests that are each for identifying low level activation of the coagulation response in blood;

the blood tests comprising tests for at least two of fibrinogen, prothrombin fragment 1+2, thrombin/antithrombin complexes, soluble fibrin monomer, and platelet activation;

obtaining a result for each of the blood tests; observing the results; and

if at least two of the results are abnormal, using the abnormal results to assist in diagnosing the blood sample with one of the conditions.

85. (New) The method of claim 84, further comprising the steps of providing a population of blood samples, and performing the method of claim 15 for each of the blood samples of the population.

Serial Number: 10/694,033  
Art Unit: 1651

86. (New) An ex vivo method for diagnosing a blood sample comprising steps of:

identifying a condition that causes a low level activation of the coagulation response in blood;

providing a blood sample;

providing different blood tests that are each for identifying low level activation of the coagulation response in blood;

the blood tests comprising tests for fibrinogen, prothrombin fragment 1+2, thrombin/antithrombin complexes, soluble fibrin monomer, and platelet activation; and

if at least two of the results are abnormal, using the abnormal results to assist in diagnosing the condition.

87. (New) The method of claim 86, further comprising the steps of providing a population of blood samples, and performing the method of claim 17 for each of the blood samples of the population.